

§ 573.496

are fed to specific weights, breeds, or dogs of different activity levels to meet the requirements of this paragraph.

(c) Addition of the additive, or the safflower oil blend, to complete dry adult maintenance cat food must meet the following:

(1) Addition of the additive or the safflower oil blend cannot provide more than 33 mg gamma-linolenic acid per kilogram body weight of the cat per day in more than 79 mg of the additive or the safflower oil blend. This maximum addition rate of the additive, or the safflower oil blend, is 0.5 percent of a complete dry adult maintenance cat food containing 4,000 kilocalories of metabolizable energy per kilogram of food as-fed.

(2) Adjustments must be made for differing concentrations of gamma-linolenic acid and for cat food formulas of different caloric density and/or that are fed to specific weights, breeds, or cats of different activity levels to meet the requirements of this paragraph.

(d) To assure safe use of the additive, in addition to other information required by the Federal Food, Drug, and Cosmetic Act, the label and labeling of the additive shall bear the following:

(1) The name of the additive, gamma-linolenic acid safflower oil, or GLA safflower oil;

(2) A guarantee for the minimum content of gamma-linolenic acid; and

(3) Adequate directions for use such that the finished animal food complies with the provisions of paragraphs (b) and (c) of this section.

[84 FR 6675, Feb. 28, 2019]

§ 573.496 Guanidinoacetic acid.

The food additive, guanidinoacetic acid, may be safely used in broiler chicken and turkey feeds in accordance with the following prescribed conditions:

(a) The additive is manufactured by reacting glycine with cyanamide in an aqueous solution.

(b) The additive is used or intended for use to spare arginine and as a precursor of creatine in broiler chicken and turkey feeds at levels not to exceed 0.12 percent of the complete feed.

(c) The additive consists of not less than 97 percent guanidinoacetic acid

21 CFR Ch. I (4–1–21 Edition)

[N-(aminoiminomethyl)-glycine] (CAS 352–97–6) by weight.

(d) The additive meets the following specifications:

(1) Dicyandiamide not to exceed 0.5 percent;

(2) Cyanamide not to exceed 0.01 percent;

(3) Melamine not to exceed 15 parts per million (ppm);

(4) Sum of ammeline, ammelide, and cyanuric acid not to exceed 35 ppm; and

(5) Water not to exceed 1 percent.

(e) To assure safe use of the additive in addition to the other information required by the Federal Food, Drug, and Cosmetic Act:

(1) The label and labeling of the additive, any feed premix, and complete feed shall contain the name of the additive.

(2) The label and labeling of the additive and any feed premix shall also contain:

(i) A statement to indicate that the maximum use level of guanidinoacetic acid must not exceed 0.12 percent of the complete feed for broiler chickens and turkeys; and

(ii) Adequate directions for use.

[81 FR 86269, Nov. 30, 2016]

§ 573.500 Condensed, extracted glutamic acid fermentation product.

Condensed, extracted glutamic acid fermentation product may be safely used in animal feed under the following conditions:

(a) The additive is a concentrated mixture of the liquor remaining from the extraction of glutamic acid, combined with the cells of *Corynebacterium lilium* used to produce the glutamic acid.

(b) It is used or intended for use as follows:

(1) In poultry feed as a source of protein in an amount not to exceed 5 percent of the total ration.

(2) In cattle feed as a source of protein in an amount not to exceed 10 percent of the feed.

(c) In order to assure safe use, the label and labeling of the additive shall bear, in addition to the other information required by the Act, the following:

(1) The name of the additive.